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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/652,141 Filing Date 29 AUG 2003 First Named Inventor Hurd Art Unit **Examiner Name** Attorney Docket Number HURD-P01

				DOCUMENTS	Barre Orleans Lines Mines
Examiner Initiats*	Otte No.1	Document Number Number-Kind Code ² (* tooms)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
5		^{US-} 4170331	10-09-1979	Faulstich	
1		^{US-} 3672612	06-27-1972	Laing, Jr.	
		US- 4274568	06-23-1981	Bott	
		^{US-} 4294388	10-13-1981	Wunstei	
		^{US-} 4618083	10-21-1986	Weger, Jr.	
		^{US-} 6273311 B1	08-14-2001	Pedrini	
		^{US-} 5657914	08-19-1997	Stapleton	· · · · · · · · · · · · · · · · · · ·
		^{US-} 5758810	06-02-1998	Stapleton	
		^{US-} 5806735	09-15-1998	Christiansson et al.	
		^{US-} 5779116	07-14-1998	Rosch et al.	
		^{US-} 5397042	03-14-1995	Pedrini	
		^{US-} 4813585	03-21-1989	Nutt	
		^{US-} 4757929	07-19-1988	Nelson	
		US- 4101061	07-18-1978	Sage et al.	
		us- 3722766	03-27-1973	Barrineau et al.	
		us- 3888398	06-10-1975	Payne	
		^{US-} 4260084	04-07-1981	Warren, Jr.	
17		^{US-} 4390117	06-28-1983	Fagan	
V		US- 4823999	04-25-1989	Payne	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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				DOCUMENTS	
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<u>~</u>		^{US-} 5137194	08-11-1992	Kodis	
1		^{US-} 3058607	10-16-1962	Kiley	
		^{US-} 3554416	01-12-1971	Bott	
\neg		^{US-} 3877624	04-15-1975	Carson	
		^{US-} 3904094	09-09-1975	Correll	
		^{US-} 4217999	08-19-1980	Forsman	
		^{US-} 5082404	01-21-1992	Stewart et al.	
7		US- 5255832	10-26-1993	Christensen	
		^{US-} 5419479	05-30-1995	Evels et al.	
		^{US-} 5850891	12-22-1998	Olms et al.	
		^{US-} 5996736	12-07-1999	Stankiewicz	
		^{US-} 6315181B1	11-13-2001	Bradley et al.	
		^{US-} 6296161B1	10-02-2001	Van der Feen et al.	
		US- 4406387	09-27-1983	Rasor	
		US- 4682719	07-28-1987	Ernst et al.	
1		^{US-} 4997118	03-05-1991	Uebach et al.	
1		US-5181639	01-26-1993	Kvanna	
1/		^{US-} 5535929	07-16-1996	Neill	
\overline{V}		^{US-} 5582044	12-10-1996	Bolich	

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U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Publication Date Oite No.1 **Document Number** Relevant Passages or Relevant Applicant of Cited Document MM-DD-YYYY Initials' Figures Appear Number-Kind Code² (F to ^{US-} 5713498 02-03-1998 Cucci US- 5242094 09-07-1993 Finley 03-08-2000 US-6257470 Schaefer ^{US-}6112964 09-05-2000 Cucheran ^{US-} 4809943 03-07-1989 Taschero 08-12-1975 Binding ^{US-} 3899110 US-US-US-TIS US-US-ÜS-US-US US LIS

		FORE	IGN PATENT DOCU	MENTS		
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